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Attorney Docket No: PAIN-003/03US

PATENT

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Commissioner for Patents, Washington, DC 20231.

30 October 2001

By:

SANDRA BALDWIN

Box Patent Application Commissioner for Patents Washington, D.C. 20231

UTILITY PATENT APPLICATION TRANSMITTAL

Transmitted herewith for filing is a U.S. Non-Provisional Utility Patent Application entitled: INHIBITORS OF ABC DRUG TRANSPORTERS AT THE BLOOD-BRAIN BARRIER

naming as inventors: Grant L. SCHOENHARD

and including:

[x] (47) pages of description (before the claims);

(54) pages of claims ((393) total claims; (42) independent claims); [x]

[x] One (1) Sheet of Abstract;

[x](40) sheets of drawing(s) including Figures 1 - 7.

1. The filing fee has been calculated as follows:

| The state of the s | NO. OF CLAIMS | A deligible to the second seco | EXTRA CLAIMS | RATE | FEE |
|--|------------------|--|--------------|-----------|-------------|
| Basic Application Fee | | | | | \$740.00 |
| Total Claims | 393 | - 20 = | 373 | x \$18.00 | \$6,714.00 |
| Independent Claims | 42 | - 3 = | 39 | x \$84.00 | \$3,276.00 |
| If multiple dependent claims are presented, add \$280.00 | | | | | |
| Total Application Fee | | | | | \$10,730.00 |
| If an Assertion of Entitlement to Small Entity Status is enclosed, subtract 50% of Total Application Fee | | | | | \$5,365.00 |
| Other fees: (spe | ecify) | | | | |
| TOTAL FEE DUE | | | | | \$5,365.00 |

Please charge \$5,365.00 to Deposit Account No. 03-3117 for the total fee. This paper is

being submitted in duplicate.

[x]

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§1.16, 1.17, and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 03-3117.

2. Please direct all correspondence concerning this application to:

COOLEY GODWARD LLP ATTN: Patent Group Five Palo Alto Square 3000 El Camino Real Palo Alto, CA 94306-2155 Tel: (650) 843-5000 Fax: (650) 857-0663

CUSTOMER NUMBER:

23419

Dated:

1

30 October 2001

Respectfully submitted, COOLEY GODWARD LLP

By:

averbe. Mcarcholes Janet M. McNicholas Reg. No. 32, 918